

-1-

SEQUENCE LISTING

<110> ZENECA Limited

5 <120> PROTEIN

<130> 70311.PCT

10 <150> GB.9812607.1

<151> 1998-06-12

<160> 2

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 2666

<212> DNA

<213> Homo Sapiens

<400> 1

tttgccttcc acatgaaggt gccattaggg tctttatgaa aatgtgcaac acaatttatt 60
cttaagcccc aagggtcatc ttatctttga ttatctggcc tagcttggag atgaccaggg 120
aaaggaggga atgtatagat ccccaaatat ggaaaagctc ttccccctc cttactcttt 180
tttctaggca tgaactcaac agaattccaac tcttctgect ctgttagacc aaaggtagtg 240
agtagcatcc aggaagggtac agtccctgac aacacaagct cagcaagggg gaaggaagac 300
gtgaacaaga ccctcccaaa ccttcaggta gtcaaccacc agcaaggccc ccaccacaga 360
cacatcctga agctgctgcc gtccatggag gccactgggg gcgagaagtc cagcacgccc 420
atcaagggcc ccaagagggg acatcctaga cagaacctac acaagcattt tgacatcaat 480
gagcatttgc cctggatgat tgtgcttttc ctgctgctgg tgcttggtg gattgtggtg 540
tgcagtatcc ggaaaagctc gaggactctg aaaaaggggc cccggcagga tcccagtgcc 600
attgtggaaa aggcagggtc gaagaaatcc atgactccaa cccagaaccg ggagaaatgg 660
atctactact gcaatggcca tggatcgat atcctgaagc ttgtagcagc ccaagtggga 720

09/719836-00101
TOP000-956566

-2-

agccagtgga aagatatcta tcagtttctt tgcaatgcca gtgagagggga ggttgctgct 780
 ttctccaatg ggtacacagc cgaccacgag cgggcctacg cagctctgca gcactggacc 840
 atccggggcc ccgaggccag cctcgcccag ctaattagcg ccctgcgcca gcaccggaga 900
 aacgatgttg tggagaagat tcgtgggctg atggaagaca ccaccagct ggaaactgac 960
 5 aaactagctc tcccgatgag ccccgagccg cttagcccga gcccacatccc cagccccaac 1020
 gcgaaacttg agaattccgc tctcctgacg gtggagcctt cccacagga caagaacaag 1080
 ggcttcttcg tggatgagtc ggagcccctt ctccgctgtg actctacatc cagcggctcc 1140
 tccgcgctga gcaggaacgg ttccttttatt accaaagaaa agaaggacac agtggtgcgg 1200
 caggtacgcc tggaccctg tgacttgacg cctatctttg atgacatgct ccacttttcta 1260
 10 aatcctgagg agctgcgggt gattgaagag attccccagg ctgaggacaa actagaccgg 1320
 ctattcgaaa ttattggagt caagagccag gaagccagcc agaccctcct ggactctggt 1380
 tatagccatc ttctgacct gctgtagaac atagggatac tgcattctgg aaattactca 1440
 atttagtggc aggggtggtt tttaattttc ttctgtttct gatttttggt gtttggtgtg 1500
 tgtgtgtgtg tttgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtt aacagaaaat 1560
 15 atggccagtg cttgagttct ttctccttct ctctctctct ttttttttta aataactctt 1620
 ctgggaagtt ggtttataag cctttgccag gtgtaactgt tgtgaaatac ccaccactaa 1680
 agttttttaa gttccatatt ttctccattt tgccttctta tgtattttca agattattct 1740
 gtgcacttta aatttactta acttaccata aatgcagtgt gacttttccc acacactgga 1800
 ttgtgaggct cttaacttct taaaagtata atggcatctt gtgaatccta taagcagtct 1860
 20 ttatgtctct taacattcac acctactttt taaaaacaaa tattattact atttttatta 1920
 ttgtttgtcc ttataaaatt ttcttaaaga ttaagaaaat ttaagacccc attgagttac 1980
 tgtaatgcaa ttcaacttg agttatcttt taaatatgtc ttgtatagtt catattcatg 2040
 gctgaaactt gaccacacta ttgctgattg tatggttttc acctggacac cgtgtagaat 2100
 gcttgattac ttgtactctt cttatgctaa tatgctctgg gctggagaaa tgaaatcctc 2160
 25 aagccatcag gatttgctat ttaagtggct tgacaactgg gccaccaaag aacttgaact 2220
 tcacctttta ggatttgagc tgttctggaa cacattgctg cacttttgaa agtcaaaatc 2280
 aagtgccagt ggcgcctttt ccatagagaa tttgccagc tttgctttaa aagatgtctt 2340
 gttttttata tacacataat caataggtcc aatctgctct caaggccttg gtcctgggtg 2400
 gattccttca ccaattactt taattaaaaa tggtgcaac tgtaagaacc cttgtctgat 2460
 30 atatttgcaa ctatgctccc atttaciaat gtaccttcta atgctcagtt gccaggttcc 2520
 aatgcaaagg tggcgtggac tccctttgtg tgggtggggt ttgtgggtag tggtaagga 2580
 ccgatatcag aaaaatgcct tcaagtgtac taatttatta ataaacatta ggtgtttgtt 2640
 aaaaaaaaaa attaattata tataaa 2666

0973956-060101

-3-

<210> 2

<211> 405

<212> PRT

<213> Homo Sapiens

5

<400> 2

Met Asn Ser Thr Glu Ser Asn Ser Ser Ala Ser Val Arg Pro Lys Val
1 5 10 15
Leu Ser Ser Ile Gln Glu Gly Thr Val Pro Asp Asn Thr Ser Ser Ala
10 20 25 30
Arg Gly Lys Glu Asp Val Asn Lys Thr Leu Pro Asn Leu Gln Val Val
35 40 45
Asn His Gln Gln Gly Pro His His Arg His Ile Leu Lys Leu Leu Pro
50 55 60
Ser Met Glu Ala Thr Gly Gly Glu Lys Ser Ser Thr Pro Ile Lys Gly
65 70 75 80
Pro Lys Arg Gly His Pro Arg Gln Asn Leu His Lys His Phe Asp Ile
85 90 95
Asn Glu His Leu Pro Trp Met Ile Val Leu Phe Leu Leu Leu Val Leu
100 105 110
Val Val Ile Val Val Cys Ser Ile Arg Lys Ser Ser Arg Thr Leu Lys
115 120 125
Lys Gly Pro Arg Gln Asp Pro Ser Ala Ile Val Glu Lys Ala Gly Leu
130 135 140
25 Lys Lys Ser Met Thr Pro Thr Gln Asn Arg Glu Lys Trp Ile Tyr Tyr
145 150 155 160
Cys Asn Gly His Gly Ile Asp Ile Leu Lys Leu Val Ala Ala Gln Val
165 170 175
Gly Ser Gln Trp Lys Asp Ile Tyr Gln Phe Leu Cys Asn Ala Ser Glu
30 180 185 190
Arg Glu Val Ala Ala Phe Ser Asn Gly Tyr Thr Ala Asp His Glu Arg
195 200 205
Ala Tyr Ala Ala Leu Gln His Trp Thr Ile Arg Gly Pro Glu Ala Ser
210 215 220

09733956-000101
TOPSECRET

07-09-15
08-09-20

25